Wireless G Broadband Router

TEW-432BRP (D1.0)

The 54Mbps Wireless G Router offers a complete wireless solution that allows you to share files, an Internet connection, or network resource while protecting your network using enhanced security features. Simply plug your workstations and your broadband modem into the Wireless G router, and configure your broadband connection using its built-in Web Interface. Use the Virtual Server feature to configure any workstation as a Web Server or FTP server easily, allowing users to view files from the Internet. You can also protect your Wireless LAN using 64/128-bit WEP encryption or industry standard WPA-PSK with TKIP or AES algorithms. Increase security by enabling MAC, IP, or Protocol Filtering as well as setting Firewall Rules to limit Internet Access or block malicious intruders from accessing your network.

FEATURES

- Wi-Fi Compliant with IEEE 802.11g and 802.11b Devices
- Supports Cable/DSL modems with Dynamic IP, Static IP, PPPoE, PPTP or L2TP connection types
- DHCP server feature allocates up to 253 client IP addresses
- Supports 64/128-bit Wired Equivalent Privacy (WEP)
- Supports 802.1x WPA/WPA2, WPA-PSK/WPA2-PSK for Advance Security
- Supports MAC Address, Protocol, IP Filters and UPnP (Universal Plug & Play)
- Supports Domain and URL blockings
- Traffic control with Virtual Server, Virtual PC Mapping and DMZ
- Provides additional security with NAT/SPI firewall and attack alert via Emails
- Provides additional security of Enable/Disable SSID, password protection
- Supports Static and Dynamic Routing
- Supports WPS (Wireless Protected Setup) for easy secure connection
- Supports IPSec and PPTP VPN Pass-Through sessions
- Flash Memory for Firmware upgrade, save/restore settings, and Traffic Log
- One step CD installation with Multi-Language support
- Works with Windows 95/98/NT/2000/XP/2003/Vista, Linux and Mac OS
- Easy Management via Web Browser (HTTP) and Remote Management
- Range for Indoor of 30 ~ 50 meters (depends on the environment)
- Range for Outdoor of 50 ~ 200 meters (depends on the environment)
- 3-Year Warranty

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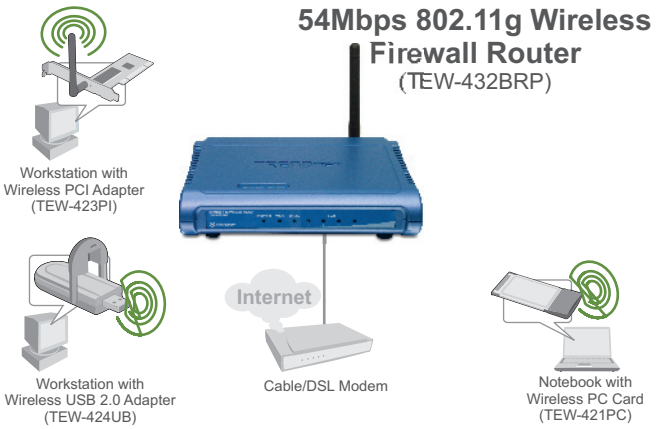
SPECIFICATIONS

Hardware	
Standards	• **Wired:** IEEE 802.3 (10Base-T), IEEE 802.3u (100Base-TX), ANSI/IEEE 802.3 Auto Negotiation • **Wireless:** IEEE 802.11b (11Mbps), IEEE 802.11g (54Mbps)
WAN	• 1 x 10/100Mbps Auto-MDIX Port (Internet)
LAN	• 4 x 10/100Mbps Auto-MDIX Port
Connection Type	• Dynamic IP, Static (Fixed) IP, PPPoE, PPTP, L2TP
Supported Network Protocols	• TCP/IP, NAT, PPPoE/PPTP/L2TP, HTTP, DHCP Server/Client
LED Indicator	• System, WAN, WLAN, LAN, WDS
Dimension (L x W x H)	• 155 x 110 x 30 mm (6 x 4.3 x 1.2 inches)
Weight	• 226g.(8 oz.)
Temperature	• Operation: 0°~ 40° C (32° F~ 104° F) Storage: -10°~ 70° C (14° F~ 158° F)
Humidity	• Max. 95% (Non-Condensing)
Power Adapter	• 7.5V DC, 1A External Power Adapter
Certification	• FCC & CE
Wireless	
Frequency	• 2.412 to 2.484GHz (Industrial Scientific Medical Band)
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM
Antenna	• 1 x 2dBi External Detachable Dipole Antenna (Female Reverse SMA Connector)
Media Access Protocol	• CSMA/CA with ACK
Security	• 64/128-bit WEP (HEX/ASCII), 802.1X/ WPA, WPA-PSK, MAC Address Filter, Protocol Filter, Domain Filter
Transmit Power	• 802.11b: 15 ± 2dBm; 802.11g: 14 ± 2dBm • 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
Receiving Sensitivity	• 11Mbps 8% PER @ -82 dBm (typical) • 54Mbps 10% PER @ -65 dBm (typical)
Channels	• 11 Channels (US), 13 Channels (EU)

NETWORKING SOLUTIONS



PACKAGE CONTENTS

- TEW-432BRP
- Multi-Language Quick Installation Guide
- CD-ROM (User's Guide)
- Power Adapter (7.5V, 1A)
- RJ-45 Cat. 5 Cable (1.5M)

RELATED PRODUCTS

TEW-421PC	108Mbps 802.11g Wireless PC Card
TEW-423PI	108Mbps 802.11g Wireless PCI Adapter
TEW-424UB	108Mbps 802.11g Wireless USB 2.0 Adapter

ORDERING INFORMATION

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